

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/HU2004/000019

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G02B21/34 G01N35/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G02B G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 690 892 A (DOMANIK RICHARD A ET AL) 25 November 1997 (1997-11-25) column 3, line 62 -column 6, line 16; figures 1,3-6 column 7, line 24-36 ---	1-10
A	US 4 248 498 A (GEORGES MICHAEL P) 3 February 1981 (1981-02-03) column 3, line 25 -column 5, line 42; figures 1,6 ---	1,4,5,7
A	WO 96/12170 A (BECTON DICKINSON CO) 25 April 1996 (1996-04-25) page 3, line 14 -page 5, line 16; figures 1,2,5-7 --- -/-	1,8,9

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

3 June 2004

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29/06/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 03/038504 A (LUDL HELMUT ;DENU DAVID (US); LUDL ELECTRONIC PRODUCTS LTD (US)) 8 May 2003 (2003-05-08) page 14, line 17 -page 21, line 9; figures 1,5-11,14 ---	1
A	US 4 801 431 A (CUOMO CARLO ET AL) 31 January 1989 (1989-01-31) column 2, line 4 -column 3, line 33; figure 1 -----	1

## Information on patent family members

International Application No

PCT/HU2004/000019

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5690892	A	25-11-1997	NONE		
US 4248498	A	03-02-1981	US	4367915 A	11-01-1983
WO 9612170	A	25-04-1996	AU WO	3825295 A 9612170 A1	06-05-1996 25-04-1996
WO 03038504	A	08-05-2003	WO	03038504 A1	08-05-2003
US 4801431	A	31-01-1989	US CA DE GB JP JP JP JP JP JP JP US US US	4731335 A 1301123 C 3630866 A1 2180647 A ,B 1804588 C 5011857 B 62098231 A 1932910 C 5240748 A 6070603 B 4798706 A 4777020 A 5023187 A	15-03-1988 19-05-1992 26-03-1987 01-04-1987 26-11-1993 16-02-1993 07-05-1987 26-05-1995 17-09-1993 07-09-1994 17-01-1989 11-10-1988 11-06-1991